



**PROGRAMMABLE WALL SWITCH  
MODEL TI052A-3W / 3-WAY  
FOR ALL LIGHTING**

THE MAXIMUM LOAD MUST NOT EXCEED 500W/230V

**THE TI052A-3W WALL SWITCH CAN OPERATE ON :**

- ballast equipped installations such as : fluorescent lamps, sodium lamps, etc.
- incandescent and halogen lighting
- contactor equipped installations, ceiling fan, block heater, etc.

**INSTALLATION**

This wall switch can be used for either single pole or multiswitch installation.

A multiswitch installation with an electronic wall switch differs from conventional installation. Read wiring instructions carefully. Use guidelines applicable to your installation.

Apply the following steps for all installations.

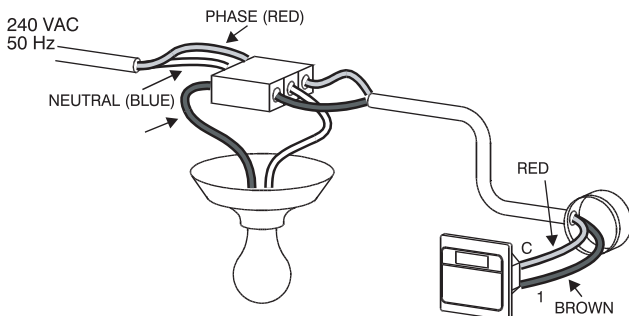
**Note:** The black wall switch wires have no polarity. You can use any of them.

1. Interrupt power at circuit breaker to avoid electric shock.
2. Take out and disconnect existing switch for replacement (for multiswitch installation, identify the wire connected on the "common" screw).
3. Reconnect each disconnected wire to the timer according to the appropriate wiring diagram.
4. Put back switches correctly into their electric box.
5. Return power at circuit breaker.

**SINGLE POLE INSTALLATION**

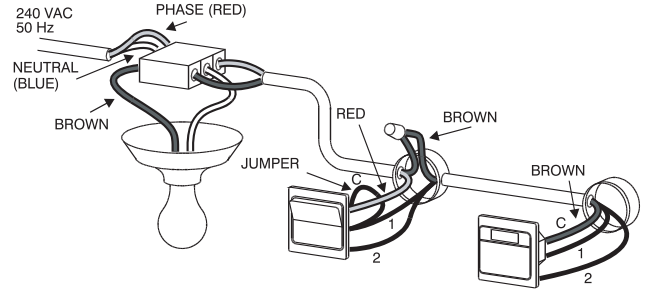
When installing, do not connect the red wall switch wire. Make sure the red wire is correctly capped with a wire nut.

**WIRING DIAGRAM**



**EXISTING 3-WAY INSTALLATION**

To replace a 3-way switch with this wall switch, use the following diagram :



The "common" wire identified on the removal 3-way switch must be connected on either black wall switch wires. Connect the two other wall switch wires to the two remaining wires.

On the remote switch, connect the jumper wire between the "common" screw of the switch and the screw where the second black wall switch wire is connected. Once wiring is completed, put switches back in their electric box and return power at circuit breaker.

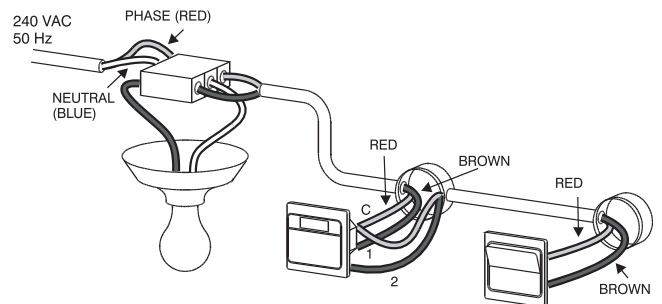
**TO VERIFY OPERATION**

Refer to "POWER-ON" section to start the wall switch. Try turning on lights with remote switch and wall switch. Installation is completed if operations run well. If it does not function properly, interrupt power at circuit breaker and rewire the jumper on the remote switch between the "common" screw and the other screw.

**A NEW 3-WAY INSTALLATION**

For a new installation, a single pole switch can be used at the remote location. Use the following wiring diagram :

**Note:** The jumper wire provided is not used for this installation.

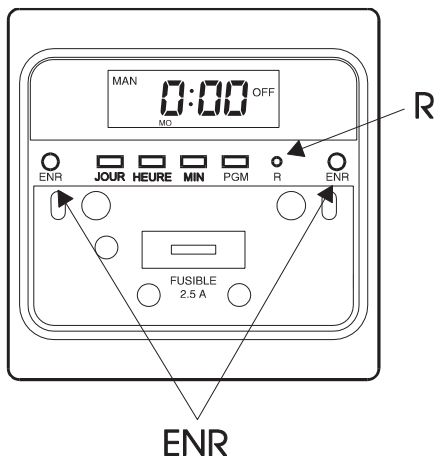


**POWER-ON**

1. Open the wall switch door using a small screwdriver.
2. Ensure that the fuse is properly installed
3. Press on the "reset" button using a paper clip.
4. On the display, "0:00" and "MO" should flash.

If there is nothing on the screen, check the following points :

- a) Maybe the fuse is not present in the switch.
- b) If the wall switch controls a lamp equipped with an on/off switch, make sure the lamp switch is in "ON" position.



## SETTING TIME AND DAY

Before programming, set the clock to the correct time.

1. You can change the time format at anytime back and forth from 24 to 12 hour. To do so, maintain MIN key pressed down as HEURE key is pressed and released. Then, release MIN key.
2. Set the day by using the JOUR key (If the current day is " Tuesday ", press and release JOUR key until TU indicator appears on the lower area of the screen).
3. Set the time by using the HEURE and MIN keys (*For the 12 hour format, if you are setting an afternoon or evening time, make sure that the PM indicator is turned on at left side of the screen*).
4. Close the door or press on one of the ENR keys to return to normal operations.

## OPERATING MODES

The wall switch has 2 operating modes : the MANual and AUTOMATIC modes.

In the MANual mode, it works like a regular single pole switch. By pressing on the door, the user can turn the light on and off. The display shows the " MAN " indicator as well as light the state (ON or OFF).

The AUTOMATIC mode executes in sequence (hourly) the user's recorded programs. To place the wall switch in this mode, press on the door for 3 seconds until AUTO appears on the screen. The display shows the active program number and the light state (ON or OFF).

To temporarily overpass the programming, press on the door. " AUTO " and programmed light state indicator remain on and the overpassed light state indicator will flash. To return in manual mode, press and hold the door for 3 seconds until " MAN " indicator is shown on display.

## RECORDING THE PROGRAMS

The memory of this programmable wall switch can hold up to 7 programs. Each program consists of a time ON (turn on) and a time OFF (turn off) which can be run for a single day or for everyday of the week.

**ATTENTION :** Both ON and OFF programming sequences must be recorded.

1. Open the door of the wall switch using a small screwdriver.
2. Press on the PGM key.  
*The display will show the number 1 (program 1) on the lower right corner and the program state (on/off) on the upper right corner. Note that the clock is replaced by -- : -- -- showing that the selected program is not activated.*

3. Press on the JOUR key to select the day to which you want the light to turn on.  
*If you want the program to be repeated each day of the week, keep pressing on JOUR several times until every days of the week appears on the screen all together.*
4. Press on the HEURE and MIN keys to set the time to which you want the light to turn on.  
*Make sure that " PM " indicator appears on the screen if you want an afternoon period (12 hour time format).*
5. Press a second time on PGM key to set the time for the light to turn off. Repeat steps 3 and 4 to set the time.  
*If the program " 1 ON " is set for every day of the week, the program " 1 OFF " will automatically be set for every day.*
6. Press a third time on PGM key to record programs 2 to 7.  
*If you need only one program, just leave the others inactive.*  
*If you want to erase a program, select it by using the PGM key and then hold PGM key for 3 seconds. The program will be erased when the display will show -- : -- --.*
7. Close the door or press on one of the ENR keys to return to normal operation.

## MEMORY BACKUP

This programmable wall switch is equipped with a rechargeable battery which will protect your programs during a power shut down.

*Note that the screen blanks during a power failure.*

## CHARACTERISTICS

|                               |                                     |
|-------------------------------|-------------------------------------|
| Model :                       | TI052A-3W                           |
| Supply :                      | 230 VAC, 50 / 60 Hz                 |
| LOAD :                        | 15 Watts minimum, 500 Watts maximum |
| Approvals :                   | CE                                  |
| Storage temperature range :   | -20 to 50 °C                        |
| Operating temperature range : | 0 to 50 °C                          |

## WARRANTY

### AUBE TECHNOLOGIES INC. ONE YEAR LIMITED WARRANTY

This product is warranted against material defects and workmanship in normal use for a period of one year, from the date of the original purchase from authorized dealers. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

This limited warranty is in lieu of all other warranties, obligations or liabilities expressed or implied by the company.

In no event shall AUBE Technologies inc. be liable for consequential or incidental damages resulting from installation of this product. Within this period, any product proven defective in normal use will be repaired or replaced, at AUBE's option, without charge for either parts or labour, provided that the defective product with the original sale receipt is returned to the original dealer or is shipped pre-paid, insured and addressed to:

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